

# Part 573 Safety Recall Report

# 22V-176

**Manufacturer Name :** Volkswagen Group of America, Inc.**Submission Date :** MAR 23, 2022**NHTSA Recall No. :** 22V-176**Manufacturer Recall No. :** 42L8**Manufacturer Information :****Population :**

Manufacturer Name : Volkswagen Group of America, Inc.

Number of potentially involved : 10,119

Address : 3800 Hamlin Road

Estimated percentage with defect : 6 %

Auburn Hills MI 48326

Company phone : 1-800-893-5298

**Vehicle Information :**

Vehicle 1 : 2022-2022 Volkswagen TIGUAN

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicles included in this recall may have been assembled with incorrect manufactured rear knuckles. Vehicles nor included in the recall have received ok parts. Determination of potentially affected vehicles based on production records.  
TIGUAN 2,876

Production Dates : SEP 01, 2021 - DEC 01, 2021

VIN Range 1 : Begin : 3VV1B7AX7NM005611 End : 3VV3B7AX0NM012151  Not sequential

Vehicle 2 : 2021-2021 Volkswagen TIGUAN LWB

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicles included in this recall may have been assembled with incorrect manufactured rear knuckles. Vehicles nor included in the recall have received ok parts. Determination of potentially affected vehicles based on production records.  
TIGUAN LWB 4,753

Production Dates : JUL 23, 2021 - SEP 13, 2021

VIN Range 1 : Begin : 3VV2B7AX7MM142826 End : 3VV3B7AX1MM160114  Not sequential

Vehicle 3 : 2022-2022 Volkswagen TAOS

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Vehicles included in this recall may have been assembled with incorrect manufactured rear knuckles. Vehicles not included in the recall have received ok parts. Determination of potentially affected vehicles based on production records.  
TAOS 2,490

Production Dates : SEP 10, 2021 - DEC 26, 2021

VIN Range 1 : Begin : 3VVWX7B26NM027478 End : 3VVPX7B29NM037927  Not sequential

## Description of Defect :

**Description of the Defect :** A left or right rear suspension knuckle under oxide influence could potentially become cracked and break.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** In the event of a rear knuckle breakage, the stability in the rear suspension will be compromised. Depending on the traffic/driving circumstances and driver behavior, this situation could pose a risk of a crash.

**Description of the Cause :** 5x sporadic & isolated failure of break waves mechanism in degassing station, in which the impurities are removed before the injection of the rear knuckles. Incorrectly manufactured parts due to a failure in the casting process.

**Identification of Any Warning that can Occur :** NR

## Involved Components :

Component Name 1 : Rear knuckle

Component Description : Rear suspension part

Component Part Number : "5QN 505 435A/436A for Tiguan and 5QM 505 435C/436C for Taos

## Supplier Identification :

**Component Manufacturer**

Name : Volkswagen de Mexico  
Address : Km. 116 Autopista Mexico-Puebla  
Puebla Foreign States 72700  
Country : Mexico

## Chronology :

"CW 34/21 Potentially incorrectly manufactured parts identified at a dynamic test performed in a laboratory. Analysis started.  
CW34/21 - CW49/21: internal testing initiated. Analysis and improvement of production process initiated. Evaluating scope of potentially affected vehicles.  
CW 50/21 Topic was first presented in VWM Pre-Product safety committee. Further tasks assigned.  
CW 51/21 - CW09/22 Additional tests conducted, Risk assessment evaluated .  
March 03, 2022 Topic was presented in VWM Product safety committee, recommendation Recall for inspecting vehicles and replacement of identified potentially affected rear knuckles.  
March 16, 2022 Topic was presented in VWAG's and VWM Product safety committees and a recall was decided. Basis for the decision were 1,242 suspected parts which could have been incorrectly casted that have been assembled in the potentially affected vehicles (worldwide). No field events known."

## Description of Remedy :

Description of Remedy Program : At no cost to owners, authorized Volkswagen dealers will inspect and, if necessary, replace one or both rear knuckles. Volkswagen will offer a reimbursement plan under this recall.

How Remedy Component Differs from Recalled Component : There are no records of any other failure event of the equipment before or after the ones identified. The remedy component is the same than the recalled component but correctly casted.

Identify How/When Recall Condition was Corrected in Production : Taos CW 43/21, Tiguan LWB CW 35/21 and Tiguan PA CW 36/21: production improvements implemented.

## Recall Schedule :

Description of Recall Schedule : Dealers/owners: On or before May 20, 2022

Planned Dealer Notification Date : MAY 20, 2022 - MAY 20, 2022

Planned Owner Notification Date : MAY 20, 2022 - MAY 20, 2022

\* NR - Not Reported